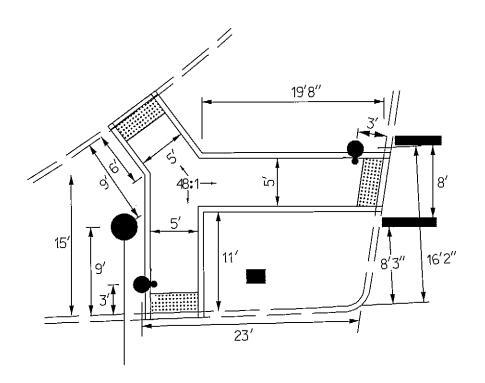
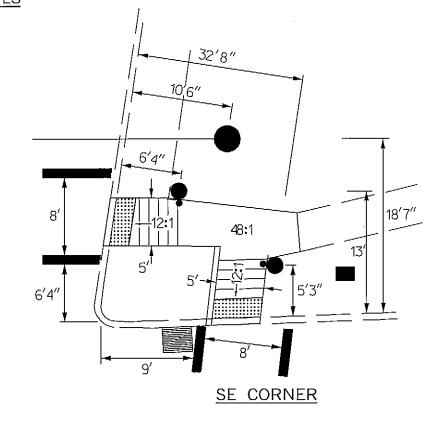
CONSTRUCTION DETAILS

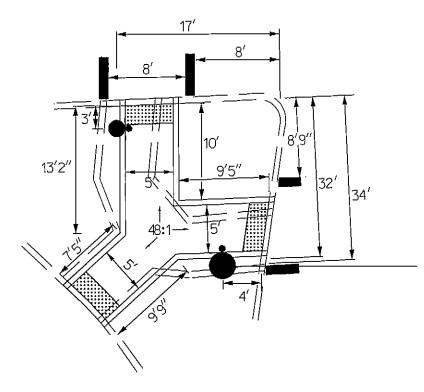
- A. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE/ TACTILE PUSH BUTTON AND SIGN AND 15' LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE. (NOTE: INSTALL 1-3" (SCHEDULE 80), 90 DEGREES CONDUIT BEND).
- B. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, OPTICOM DETECTOR EYE AND 15' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE. (NOTE: INSTALL 1-3" (SCHEDULE 80), 90 DEGREES CONDUIT BEND).
- C. INSTALL 10' BREAKAWAY PEDESTAL POLE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PUSH BUTTON AND SIGN. (INSTALL 1-2" SCHEDULE 80, 90 DEGREE CONDUIT BEND)
- D. INSTALL HANDHOLE.
- E. USE EXISTING HANDHOLE.
- F. ADJUST HANDHOLE TO GRADE.
- G. REMOVE EXISTING HANDHOLE.
- H. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES.
- J. USE EXISTING CONDUIT.
- K. INSTALL 2 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT TRENCHED.
- L. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT TRENCHED.
- M. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT TRENCHED.
- N. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT BORED.
- P. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT BORED. (STUB UP AT UTILITY POLE AND CAP FOR PROPOSED SERVICE).
- Q. ABANDON EXISTING LOOP DETECTORS AND REMOVE ALL ASSOCIATED WIRING.
- R. REMOVE EXISTING SIDEWALK. INSTALL SIDEWALK, CURB AND GUTTER AS SHOWN, INSTALL CUT-THRU ISLAND OPENING (MD STD 655.21) WITH DETECTABLE WARNING SURFACE (MD STD 655.40).
- S. INSTALL STANDARD SIDEWALK RAMP (MD STD 655.12), WITH BACKER CURB & DETECTABLE WARNING SURFACE. (MD STD 655.40).
- T. INSTALL SIDEWALK, CURB AND GUTTER AND DETECTABLE WARNING SURFACE (MD STD 655.40) AS SHOWN. SEE DETAIL ON SHEET SP-02.
- U. INSTALL 24" HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC
- V. INSTALL NEMA SIZE '6' BASE MOUNTED CABINET AND CONTROLLER AND ALL NECESSARY EQUIPMENT. (NOTE: 2-2" AND 2-4" SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- W. INSTALL EMBEDDED 100 AMP METERED SERVICE PEDESTAL WITH 2-2" AND 1-4" SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
- X. INSTALL NON-INVASIVE PROBES (SET OF 3).
- Y. INSTALL HANDHOLE WITH THE LONG SIDE PERPENDICULAR TO THE ROADWAY AS SHOWN.
- Z. REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT.
- AA. REMOVE EXISTING STRAIN POLE/PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT.
- REMOVE FOUNDATION 12" BELOW GRADE. BB. REMOVE PAVEMENT MARKINGS.
- CC. REMOVE CROSS HATCH PAVEMENT MARKINGS FROM CROSSWALK.
- DD. REMOVE LIGHT POLE AND ALL ASSOCIATED EQUIPMENT, (BY OTHERS)
- EE. INSTALL 12" HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC MARKING PAVEMENT.
- FF. INSTALL 5' CONCRETE MEDIAN CUT THRU. (MD STD 655.21).
- GG. INSTALL GROUND MOUNTED SIGN ON 4"x6" WOOD SUPPORT.
- HH. REMOVE ROUTE MARKER SIGN & ARROW. CUT WOOD SUPPORT TO OBJECT MARKER SIGN.
- JJ. REMOVE EXISTING OVERHEAD SERVICE FROM EXISTING STRAIN POLE.
- KK. INSTALL STANDARD SIDEWALK RAMP (MD STD 655,11) & DETECTABLE WARNING SURFACE. (MD STD 655.40).
- LL. USE EXISTING CONDUIT, INTERCONNECT TO COLEBROOKE DR.
- MM. USE EXISTING CONDUIT, INTERCONNECT TO MARLOW HEIGHTS SHOPPING CTR.
- NN. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, OPTICOM DETECTOR EYE COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE/TACTILE PUSH BUTTON AND SIGN AND 15' LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE. (NOTE: INSTALL 1-3" (SCHEDULE 80), 90 DEGREES CONDUIT BEND).
- QQ. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND 15' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE. (NOTE: INSTALL 1-3" (SCHEDULE 80), 90 DEGREES CONDUIT BEND).
- PP. INSTALL 5' BREAKAWAY PEDESTAL POLE WITH AUDIBLE/TACTILE PUSH BUTTON AND SIGN. (INSTALL 1-2" SCHEDULE 80, 90 DEGREE CONDUIT BEND)

RAMP/CUT THRU DETAILS

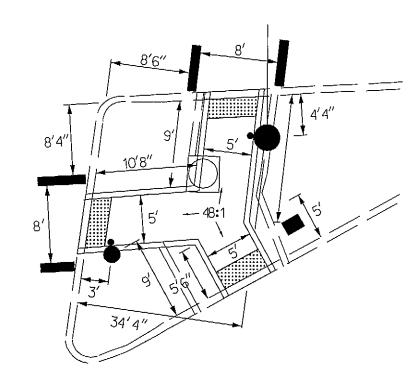


NE CORNER





NW CORNER



SW CORNER

GENERAL NOTES:

- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH
- THE SHA ENGINEER. 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- 3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- 4. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- 5. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL. 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL
- EACH CABLE. 7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- 8. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

TOD NO: XX354-31 SHA NO: PG901A5C/K5C MD 5 @ MD 458

CONTACTS:

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

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STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY

MD 5 (BRANCH AVE.) AND MD 458/JVERSON ST. SUITLAND, MARYLAND

TRAFFIC ENGINEERING DESIGN DIVISION



PARSONS BRINCKERHOF 100 South Charles Street Tower I, 10th Floor Baltimore, MD 21201-2727 Phone: 410-727-5050 Fax: 410-727-4608

TS NO. 91E

		·						
	TRAFFIC SIGNAL PLAN							
	SCALE 1" = 10' DATE		2/28/11	CONTRACT NO. XX3545168R				
₹F	DESIGNED BY MAW DRAWN BY MAW CHECKED BY KMP FAP NO			COUNTY PRINCE GEORGE'S LOGMILE 16000514.03 TIMS NO. K566 TOD NO.				
	TS NO. 91E	DRAWING	SG - 02	OF 03	SHEET NO.	2.	OF 3	3.

PLOTTED: Thursday, March 17, 2011 at 10:29:10 AM FILE: pSG-P002_MD5&MD458.dgn